



CASE STUDY

REVERB FURNACE ROOF RELINE

EQUIPMENT

- Aluminum Reverb Melting Furnace

PRODUCT

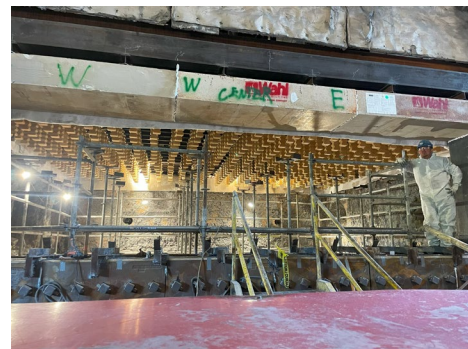
- NANO-TEK® 70 – Roof
- INSULMIX® 2025 – Roof insulation
- PR85 – Anchor Brick

INSTALLATION

- Anchor brick was installed according to the engineering drawing.
- Forms and bracing were installed to form the bottom of the roof. Sheet metal was also installed to form the individual sections of the roof.
- 1500 lbs. of NANO-TEK® 70 were mixed and pumped on the roof.
- Contractor installed the INSULMIX® 2025 on top of NANO-TEK® 70.

RESULTS

- The roof has been in service for over **6 months** and is performing well.
- Customer wants to use NANO-TEK® 70 for another reverberatory roof.



NANO-TEK® 70 and INSULMIX® 2025 furnace roof reline



NANO-TEK® 70 pumped on the roof



NANO-TEK® 70 and INSULMIX® 2025 during first heat-up

Allied Mineral Products, LLC. supplies an entire line of monolithic refractories for the metals industry. For more information or a complete evaluation of your refractory requirements, please contact your local Allied representative.

2/27/2025